SONY

3-859-470-**21** (2)

FM/AM Cassette Player Clock Radio

Operating Instructions

DREAM MACHINE

Dream Machine is a trademark of Sony Corporation.

ICF-C620

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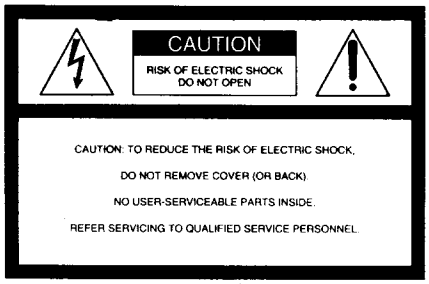
WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

* The graphical symbols are on the rear enclosure.

Before You Begin

Thank you for choosing the Sony Dream Machine! The Dream Machine will give you many hours of reliable service and listening pleasure.
Before operating the Dream Machine, please read these instructions thoroughly and retain them for future reference.

Features

- High quality sound by tape playback
- You can choose from 3 different wake-up modes; tape, radio and buzzer alarm
- Power backup to keep the clock during a power interruption with a 6F22 battery (not supplied) installed.

Precautions

- Operate the unit on the power sources specified in "Specifications".
- To disconnect the power cord, pull it out by the plug; not the cord.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that block the ventilation holes.
- Should anything fall into the unit, unplug the unit and have it checked by qualified personnel before operating it further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.

Battery Warning
When the unit will be left unplugged for a long time, remove the battery to avoid undue battery discharge and damage to the unit from battery leakage.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc
DAT/Radio/Head Phone/Speaker/MIC/Personals

LIMITED WARRANTY

Portable Audio

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. For a period of one (1) year from the date of purchase, Sony will repair or replace, at its option, at no charge through your Sony authorized dealer, Sony owned Service Center, or the Sony Parts Center Exchange Department, the defective unit. After this one (1) year period, you must pay for the replacement unit. This warranty does not cover costs incurred in connection with the removal and re-installation of radios, speakers or accessories, nor does it cover any other contingent expenses.

2. To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

The address of the Sony Parts Center – Exchange Department is:

Sony Parts Center – Exchange Department
8281 NW 107th Terrace
Kansas City, Missouri 64153

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Direct Response Center
1-(800)-222-7669
or write to:
Sony Direct Response Center
12451 Gateway Blvd.
Fort Myers, FL 33913

For an accessory or part not available from your authorized dealer, call:

1-(800)-488-SONY (7669)

IMPORTANT SAFEGUARDS

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference.
Carefully observe all warnings, precautions and instructions on the appliance and described in the operating instructions supplied with the appliance by Sony.

INSTALLATION

Water and Moisture

Do not install the appliance near water: for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

Heat

Do not install the appliance near sources of heat such as radiators, heat registers, stoves, or other appliances that produce heat.

Ventilation

Slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable and safe operation of the appliance, and to protect it from overheating, these slots and openings must never be blocked or covered.
Do not place the appliance on a bed, sofa, rug or other similar surface which may block the slots and openings.
Do not install the appliance in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

Carts and Stands

Do not install the appliance on an unstable table, shelf, cart or stand. Use only a cart or stand recommended by Sony.
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

Wall or Ceiling Mounting

If your appliance can be mounted to a wall or ceiling, mount it only as recommended by Sony.

USE

Power Source

Connect the appliance to a power supply only of the type described in the operating instructions or as marked on the appliance.

Grounding or Polarization

Do not defeat the grounding or polarization feature of the AC power cord. If your AC receptacle will not accept the power cord plug, contact your electrician to install a proper AC receptacle.

AC Receptacle

Check to make sure that the AC receptacle holds the power cord plug firmly and securely. If the power cord plug is loose, contact your electrician to replace the defective and unsafe AC receptacle.

Power-Cord Protection

Route the power cord so that it is not likely to be walked on or pinched by having objects placed on it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

When not in use

Unplug the power cord of the appliance from the outlet when left unused for a long period of time.
To disconnect the cord, pull it out by grasping the plug. Never pull the plug out by the cord.

Foreign Objects

Be careful that foreign objects and liquids do not enter the enclosure through openings.

Cleaning

Clean the appliance only as recommended by Sony.

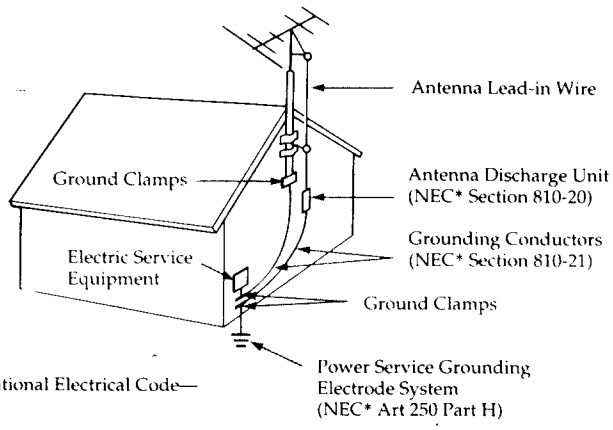
ANTENNAS

Outdoor Antenna Grounding

If an outdoor antenna or cable system is installed, follow the precautions below.
An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits.
WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Antenna Grounding According to the National Electrical Code

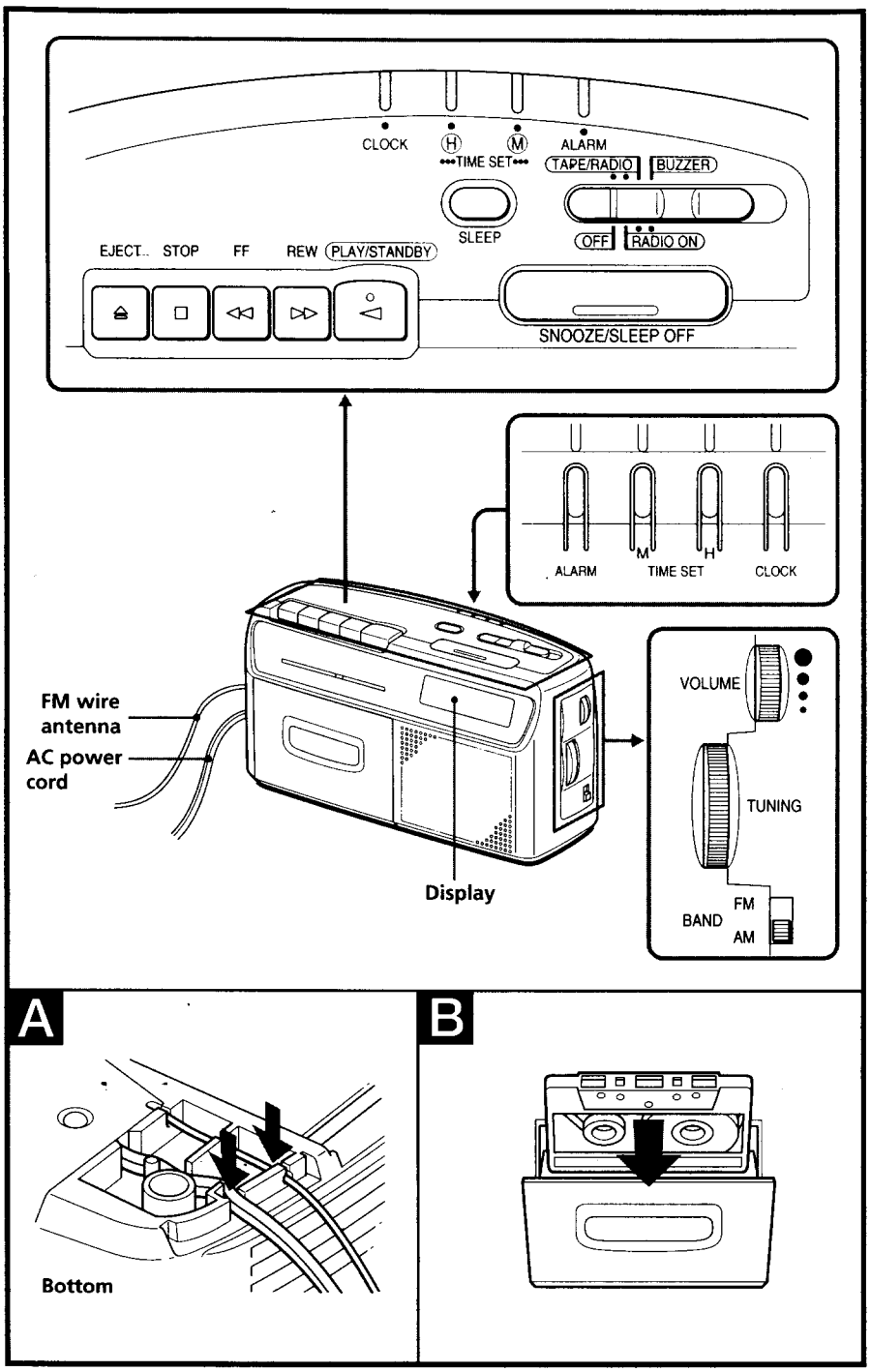


—NEC National Electrical Code—

SERVICE

Unplug the appliance from the wall outlet and consult qualified service personnel when:
-the power cord or the plug has been damaged.
-a solid object or liquid has fallen into the cabinet.
-the appliance has been exposed to rain or moisture.
-the appliance does not appear to operate normally or exhibits a marked change in performance.
-the appliance has been dropped, or the enclosure damaged.

Do not attempt to service the appliance beyond that described in the operating instructions. For all other servicing refer to qualified service personnel only.


CLOCK
H
M
ALARM
TIME SET
TAPE/RADIO
BUZZER
SLEEP
OFF
RADIO ON
EJECT
STOP
FF
REW
PLAY/STANDBY
SNOOZE/SLEEP OFF
ALARM
M
H
TIME SET
CLOCK
FM wire antenna
AC power cord
Display
VOLUME
TUNING
BAND
FM
AM

A
Bottom

B

Getting Started

Setting up the cord

(See Fig. A)

Pull the AC power cord and FM wire antenna along the groove from the bottom of this unit.

Installing the Battery

To keep good time, your Dream Machine needs one 6F22 battery (not supplied), in addition to house current. The battery keeps the clock operating in the event of a power interruption. Before setting the time on your Dream Machine, open the lid at the bottom of the unit, install the battery with correct polarity and then close the lid.

- After a power interruption, the displayed time may not be always correct (it may gain or lose about 10 minutes per hour).

Knowing When to Replace the Battery

To check battery power, unplug the power cord from the wall outlet and plug it in again after a few minutes. If the displayed time is incorrect, replace the battery with a new one.

Setting the Clock

1. Plug in the unit.
   The display will flash "AM 12:00".
2. While holding down **CLOCK**, press **TIME SET** Ⓗ(to set the hour) or Ⓜ(to set the minute) repeatedly until the correct time appears in the display.
   Each press on the **TIME SET** Ⓗ or Ⓜ advances the displayed number by one.
   When you release **CLOCK**, the clock begins to operate.

Playing the Radio

1. Set the function selector to **RADIO ON** to turn on the radio.
2. Select **FM** or **AM** using **BAND**.
3. Tune in to a station using **TUNING**.
4. Adjust volume by turning **VOLUME**.

- To turn off the radio, set the function selector to **OFF**.
- While listening to the radio, you can switch to the tape by pressing **PLAY/STANDBY** ◄, ◄◄ or ►►.

To Improve Radio Reception

FM: Extend the FM wire antenna to improve FM reception.

AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

Setting the Alarm

You can set the tape, radio or buzzer alarm.

- To set the tape alarm, first play back the desired tape as described in "Playing Back a Tape", adjust the volume and rewind the tape.
- To set the radio alarm, first tune in a station as described in "Playing the Radio" and adjust the volume.

1. Set the alarm time for tape, radio or buzzer.
   While holding down **ALARM**, press **TIME SET** Ⓗ or Ⓜ repeatedly until the desired time appears in the display.
2. Set the function selector to the desired alarm position.
   Radio alarm: set to **TAPE/RADIO.**
   Tape alarm: set to **TAPE/RADIO** and depress **PLAY/STANDBY** ◄.
   Buzzer alarm: set to **BUZZER**.
   The tape, radio or buzzer will automatically sound at the preset time, and automatically turn itself off after 119 minutes, unless it is turned off manually.

- To turn off the alarm manually, set the function selector to **OFF**. To sound the alarm at the preset time on the next day, set the function selector to **TAPE/RADIO** or **BUZZER** again.
- To check the preset time, press **ALARM**.

Notes

- The buzzer sound level is fixed, and independent of the **VOLUME** control.
- Even if you are listening to the radio, you can set the tape, radio or buzzer alarm.
- While you are listening to the tape, you can set only the buzzer alarm.

To Doze a Few More Minutes

1. Press **SNOOZE/SLEEP OFF**.
   The radio, tape or buzzer will shut off but will automatically come on again after about 9 minutes. You can repeat this process as many times as you like.

- You can reset the alarm time while activating the snooze function.

Playing Back a Tape

1 Press **EJECT** ⏏ to open the cassette holder and insert a cassette tape (See Fig. B).
2 Depress **PLAY/STANDBY** ◄.
3 Adjust volume by turning **VOLUME**.

To	Press
Stop playback	**STOP** ■
Rewind the tape	**REW** ►►
Advance the tape rapidly	**FF** ◄◄

Notes

- In playback mode, the motor stops at the tape end. The depressed button will automatically release (Auto shut-off function).
- While playing back a tape, do not set the tape alarm. If you set the tape alarm during playback, the tape being played back enters the pause mode.

Troubleshooting

Should any problem occur with the unit, make the following simple checks to determine whether or not servicing is required.
If the problem persists, consult the nearest Sony dealer.

The clock does not show the correct time.
- There has been an electrical power interruption.
- When adjusting the clock, first hold down the **CLOCK** and then press **TIME SET** Ⓗ or Ⓜ.

The tape, radio or buzzer alarm sound does not come on at the preset time.
- Current time(including AM/PM) is set incorrectly.
- Alarm time(including AM/PM) is set incorrectly.
- The function selector is set in the incorrect position.
- For radio alarm, is the desired station isn't tuned in.
- For tape alarm, a blank tape is inserted or the tape is at its end.
- **VOLUME** is turned down.
- The alarm time that has been set does not show the correct time, first hold down the **ALARM** and then press **TIME SET** Ⓗ or Ⓜ.

The inserted cassette tape cannot be played back.
- The tape alarm is set.
  Cancel the alarm to listen to the tape.

Setting the Sleep Timer

Enjoy falling asleep to the radio using the built-in sleep timer that shuts off the radio automatically at a preset time.

1 While listening to the radio, set the function selector to **OFF**.
2 Press **SLEEP**.
  The radio turns on. It will go off after 59 minutes.

- To turn off the radio before the preset time, press **SNOOZE/SLEEP OFF**.
- Every time you press **SLEEP**, the sleep timer is reset to 59 minutes.
- To fall asleep to the tape sound, turn the radio off and play back a recorded tape.
  When it reaches its end, **PLAY/STANDBY** ◄ will release automatically.
  The tape playback time depends on the length of the tape.

To Use Both Sleep Timer and Alarm Function

You can fall asleep to the radio sound and you will be awakened by the tape/radio/buzzer alarm at the preset time.

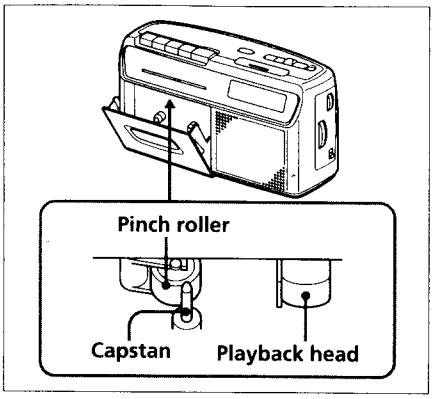
1 Set the alarm. (See "Setting the Alarm".)
2 Set the sleep timer. (See "Setting the Sleep Timer".)

Maintenance

Cleaning the Playback Head and the Tape Path

We recommend the cleaning after every 10 hours of operation.
Wipe the head, pinch roller and capstan with a cleaning tip slightly moistened with cleaning fluid or alcohol.

After cleaning the head, pinch roller and tape path, insert a cassette when the areas cleaned are completely dry.



Cleaning the Cabinet

Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

Specifications

Radio section

Frequency range:
FM: 87.5-108.0 MHz
AM: 530-1605 kHz

Tape player section and general

Track system: 2 track, 1 channel, monaural
Frequency response: 125 - 10,000 Hz with normal (TYPE I) tapes
Speaker: Approx. 7.7 cm (3 1/32 inches) dia. 8 ohms.
Power output:
Radio section: 350 mW (at 10% harmonic distortion)
Player section: 300 mW (at 10% harmonic distortion)
Power requirements: 120 V AC, 60 Hz
For the power backup function: 9 V DC, one 6F22 battery
Battery life: Approx. 80 hours(for clock backup), using Sony battery S-006P (U)
Dimensions: Approx. 240 × 124 × 100 mm (w × h × d)(9 7/16 × 4 7/8 × 3 15/16 inches) incl. projecting parts and controls
Mass: Approx. 870 g (1.9 lb 30 oz) not incl. battery
Optional accessory
Cleaning Kit KK-WM1

Your dealer may not handle some of the above listed optional accessories. Please ask your dealer for detailed information on the optional accessories available in your country.

Design and specifications subject to change without notice.